

**ABSTRACT**

A loudspeaker system has an extended bass or low frequency response. The loudspeaker system integrates a passive radiator with a transducer. The loudspeaker system also mechanically isolates the passive radiator and the transducer. A support mechanism  
5 mechanically grounds vibrations or other forces from the transducer and passive radiator that may interfere or affect the operation of the loudspeaker.